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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/770,887	01/26/2001	Michael Mandahl	P/3861-3	6673

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EXAMINER	
MEHRPOUR, NAGHMEH	
ART UNIT	PAPER NUMBER
2686	5

DATE MAILED: 10/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/770,887	MANDAHL ET AL.	
	Examiner	Art Unit	
	Naghmeh Mehrpour	2686	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☐ Claim(s) 1-23 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) 1-23 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 5, 8-14, 16-23, are rejected under 35 U.S.C. 102(e) as being anticipated by (Boechmke US 2002/0119786 A1)

Regarding claim 1, Boechmke teaches a wireless information exchange system, comprising: a wireless device 26(see figure 1, page 4 section 0050) a network 24 connectable to said wireless device 26; an information processor 18/52 connectable to said network 24 (se figure 2, page 4 section 0059); said processor 18/52 and said wireless device 26 (figure 1) operable to exchange wireless format information through said network 24 (see figure 1, page 5 section 0061); a database 16/22 accessible by said processor 18/52 (see figures 1 & figure 2, page 5 sections 0063,page 6 section 0067);and said processor 18/52 can store page 6 section 0064) and retrieve information in said database 22 thereby providing said wireless device 26 with access to database 22 information (see figure 1, page 6 section 0068).

Regarding claim 2, Boechmke teaches a wireless system wherein said processor 18/52/92 (see figure 2) is operable to convert information between a database

22 format and a wireless format (see figures 1-2,page 6 section 0067, or figure 6, page 9 section 0099).

Regarding claim 3, Boechmke teaches a wireless system further (see figure 6) comprising: an application service 38 accessible by said processor 18/52(see figure 2, page 6 sections 0067-0068); and said application service operable 38 to exchange information with said processor 18/52 (see figure 2) thereby providing said wireless device 26 (page 6 section 0071) with access to application information 38 (page 5 section 0058, page 6 section 0067).

Regarding claim 5, Boechmke teaches a wireless system wherein said information processor 18/20 maintains a directory of wireless users stored in said database 22 (page 10 section 0107).

Regarding claim 8, Boechmke teaches a wireless system further comprising: a service connector 12 connected to said information processor 18 and said database 16 (see figure 6, page 8 section 091); and said service connector 12 effective to provide an interface 93 between said information processor 18/92 and said database 100 (see figure 6, page 8 section 0091).

Regarding claim 9, Boechmke teaches a wireless system further comprising: a service connector 12 connected to said information processor 92 (see figure 6, page 8 section 0091); said database 16 and said application service 12; said service connector 12 effective to provide an interface 93 between said information processor 18/92 and said database 100 and an interface between said information processor 18/92 and said application service 12 (see figure 6, page 8 section 0091).

Regarding claim 10, Boechmke teaches a wireless system wherein said network further comprises: an operation service 38 connected to said processor 18 and operable to manage print service requests (see figure 1, page 5 sections 0058, 0063); and said processor 18 can receive a print service request from said wireless device 12 and can submit said print service request to said operation service 38 (page 24 section 0258).

Regarding claim 11, Boechmke teaches a wireless system according wherein said print service requests can be requests for printing or for faxing (page 5 section0063, page 6 section 0064, page 24 section 0258).

Regarding claim 12, Boechmke teaches a wireless system wherein said service connector 12 is effective to provide an installation interface 93, whereby a database 22 having a standard interface 93 is readily connectable and useable by said processor 18 (see figure 6, page 8 section 0091).

Regarding claims 13-14, Boechmke teaches a wireless system wherein said processor further comprises a plurality of installation tools operable to permit said processor to connect to a variety of networks and a variety of databases 22, 22"(see figures 1, 6, page 8 section 0091).

Regarding claim 16, Boechmke teaches a wireless system 10 wherein a connection between said wireless device 26 and said network and a connection between said network 24 and said processor 18/52 (see figures 1-2) are secure connections (page 13 section 0128).

Regarding claim 17, Boechmke teaches a wireless system 10, wherein information from said application service 12 and said database 100 are in a non-wireless format(see figure 6, page 8 section 0157). In figure 6, the

arrows makes it clear that the connection between application server 12/90 and database 100 are non-wireless.

Regarding claim 18, Boechmke teaches a wireless information exchange system, comprising: a wireless device 26(see figure 1, page 4 section 0050) a network 24 connectable to said wireless device 26; an information processor 18/52 connectable to said network 24 (se figure 2, page 4 section 0059); said processor 18/52 and said wireless device 26 (figure 1) operable to exchange wireless format information through said network 24 (see figure 1, page 5 section 0061); a database 16/22 accessible by said processor 18/52 (see figures 1 & figure 2, page 5 sections 0063,page 6 section 0067);and said processor 18/52 can store page 6 section 0064) and retrieve information in said database 22 thereby providing said wireless device 26 with access to database 22 information (see figure 1, page 6 section 0068).

Regarding claim 19, Boechmke teaches a wireless system wherein said network further comprises: an operation service 38 connected to said processor 18/52 and operable to manage print service requests (see figures 1-2, page 5 sections 0058); and said processor 18/52 can receive a print service request from said wireless device 26 and can submit said print service request to said operation service 38 (see figure 1-2, page 5 section 0063, page 24 section 0258).

Regarding claim 20, Boechmke teaches a method according to claim 19, wherein said print service request can be a request for printing or a faxing (page 6 section 0068).

Regarding claims 21-22, Boechmke inherently teaches a processor/computer 18 operable to execute a program code from a storage memory 22, said program

code (page 3 section 0026, comprising: a first code segment executable to provide a connection between a wireless device 26 and an information processor 18 having access to information stored in a database 22(see figure 1, page 4 section 0050); a second code segment executable to exchange wireless format information between said wireless device 26 and said processor 18 (see figure 4, page 6 section 0067); a third code segment executable 16 to convert information between a database 22 format and a wireless 26 format(see figure 4, see figure 4 page 4 section 0052); and a fourth code segment executable to exchange information between said processor 18/52 and said database 12/22 (page 4 section 0051). Boechmke computer program does not necessary divided in to four different code segments, however, Boechmke system/method teaches the functions of the claims limitation of the present application.

Regarding claim 23, Boechmke teaches a computer network 10 for deploying a wireless information exchange (see figures 1, 2, page 3, sections 0026 and section 0030), comprising: a wireless device 26; a network 24 connectable to said wireless device 26; an information processor 18 connectable to said network 24; said processor 18 and said wireless device 26 operable to exchange wireless format information through said network 24 (page 4 section 0054); a database 16/22" accessible by said processor 18; and said processor 18 can store 22"" and retrieve information in said database 22" thereby providing said wireless device 26 with access to database 12/22 information (page 4 section 0052, page 6 section 0064, page 3 section 0026).

Claim Rejections - 35 USC § 103

3. the following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claim 4, is rejected under 35 U.S.C. 103(a) as being unpatentable over Boechmke (US 2002/0119786 A1).

Regarding claim 4, Boechmke teaches a wireless system wherein said network further comprises: a local network 24 connected to said processor 18 (see figures 1,2,cpu 52), and a global network of interconnected computers (internet), whereby said wireless device 144) is globally accessible by said local network 24 (page 9 section 0094) Boechmke fails to teach a firewall connected to said local network. However Examiner takes official notice that a firewall connected to a local network is well known in the art. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use above teaching to Boechmke communication system, in order to receive the call records that are transmitted from a remote device.

5. Claims 6-7, 15, are rejected under 35 U.S.C. 103(a) as being unpatentable over Boechmke (US 2002/0119786 A1) in view of Shaffer et al. (US Patent Number 6,477,374 B1).

Regarding claim 6, Boechmke teaches a wireless system further comprising: a wireless user call records 62; said wireless user call records being effective to provide settings indicative of a selectable information (page 14 section 0141) format for presentation of wireless format information on said wireless device 14 (page 6 section 0067). Boechmke fails to teach the user database is a wireless user profile. However Shaffer teaches a user database which contains wireless users profile (col 14 lines 37-39). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use above teaching of Shaffer to

Boechmke communication system, in order to provide routing authorization for user base on the caller identification .

Regarding claim 7, Boechmke teaches a wireless system wherein: said information processor 18 maintains a directory of wireless users stored in said database 22; and said information processor permits manipulation of said wireless user profile (page 6 sections 0066-0067).

Regarding claim 15, Boechmke teaches a wireless system wherein said application service 12 includes at least one of a messaging service (page 20 section 0194), a contact managing service (page 6 section 0067). Boechmke fails to teach a scheduling service. However Sheaffer teaches a telecommunication system that teach a scheduling service (col 14 lines 37-39). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use above teaching of Shaffer to Boechmke communication system, in order to provide good quality computing means for storing and managing telecommunication call records.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Theimer et al. (US Patent 5,493,693) disclose selective delivery pf electronic messages in a multiple computer system based on context and environment of a user

Block (US Patent 5,960,416) disclose real time subscriber billing at a subscriber location in a unstructured communication network

7. **Any responses to this action should be mailed to:**

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or faxed to:

(703) 872-9314, (for formal communications indented for entry)

Or:

(703) 308-6306, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II. 2121 Crystal Drive, Arlington. Va., sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Melody Mehrpour whose telephone number is (703) 308-7159. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m.

If attempt to reach the examiner are unsuccessful the examiner's supervisor, Marsha Harold-Banks be reached (703)308-5576.

NM

Sept 26, 2003

CHARLES APPIAH
PRIMARY EXAMINER